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DERWENT-ACC-NO: 2003-037045

DERWENT-WEEK: 200303

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TITLE: Mobile terminal having fm transmitting module

INVENTOR: TAK, Y S

PATENT-ASSIGNEE: LG ELECTRONICS INC[GLDS]

PRIORITY-DATA: 2000KR-0083852 (December 28, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES
MAIN-IPC			
KR 2002054686 A	July 8, 2002	N/A	001
H04B 001/40			

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NC
APPL-DATE		
KR2002054686A	N/A	2000KR-0083852
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INT-CL (IPC): H04B001/40

ABSTRACTED-PUB-NO: KR2002054686A

BASIC-ABSTRACT:

NOVELTY - A mobile terminal having an FM transmitting module is provided to enable a user to conveniently listen to a high-quality audio signal by

adding  
an FM transmitting module to a mobile terminal so that a music file,  
decoded at  
an MP3 decoder, can be output through the speaker of a radio.

DETAILED DESCRIPTION - A mobile terminal(202) is comprised of a  
baseband  
controller(204), an MP3 decoder(208), an FM transmitting  
module(210), a  
memory(212), a radio transceiver(214), a terminal transmit-receive  
antenna(216), an FM transmitting antenna(218), and an external  
output  
port(220). The baseband controller(204) controls the operations of the  
mobile  
terminal(202) overall. The radio transceiver(214) converts a  
modulation  
signal, generated from the baseband controller(204), into a high  
frequency  
signal and transmits it through the terminal transmit-receive  
antenna(216).  
The memory(212) stores the MP3 file data downloaded to the mobile  
terminal(202). The MP3 decoder(208) decodes the MP3 file data  
transferred  
through the baseband controller(204), generates an audio signal, and  
outputs it  
to the FM transmitting module(210) or to the mobile terminal's speaker  
or  
earphone through the external output port(220). The FM transmitting  
module(210) receives the audio signal output from the MP3  
decoder(208) and  
modulates it into the signal of a frequency band which can be received  
at a  
radio. The modulated signal is sent to the air through the FM  
transmitting  
antenna(218).

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: MOBILE TERMINAL FM TRANSMIT MODULE

DERWENT-CLASS: W02

EPI-CODES: W02-G02;

